

## DEVICE FOR GAS COMBUSTION

### Abstract of the Disclosure

A device for gas combustion, characterized in that it comprises a basic structure (1), which is formed by a solenoid valve (2), which is linked by one of its connections to the gas-supply piping (3), the other connection of solenoid valve (2) contacts a pressure regulator (4) at the end of which there is mounted a gas burner (5);

5       the basic structure (1) further comprising a pilot gas burner (6) and a heat sensor (7), the former intended for producing a spark causing the gas supplied to gas burner (5) to ignite, whereas the latter will perform the function of a parameter for constantly measuring the rate of heat generated by the device now proposed, signaling a possible condition in which the burning of gas through the gas burner (5) has been discontinued,

10      thus allowing the external control means (8) to discontinue the supply of the flow of gas.